

# NXP LINKED OPEN DATA

## PRODUCT INFORMATION PANORAMA

Parvathy Meenakshy, NXP  
John Walker, Semaku

2014-11-26



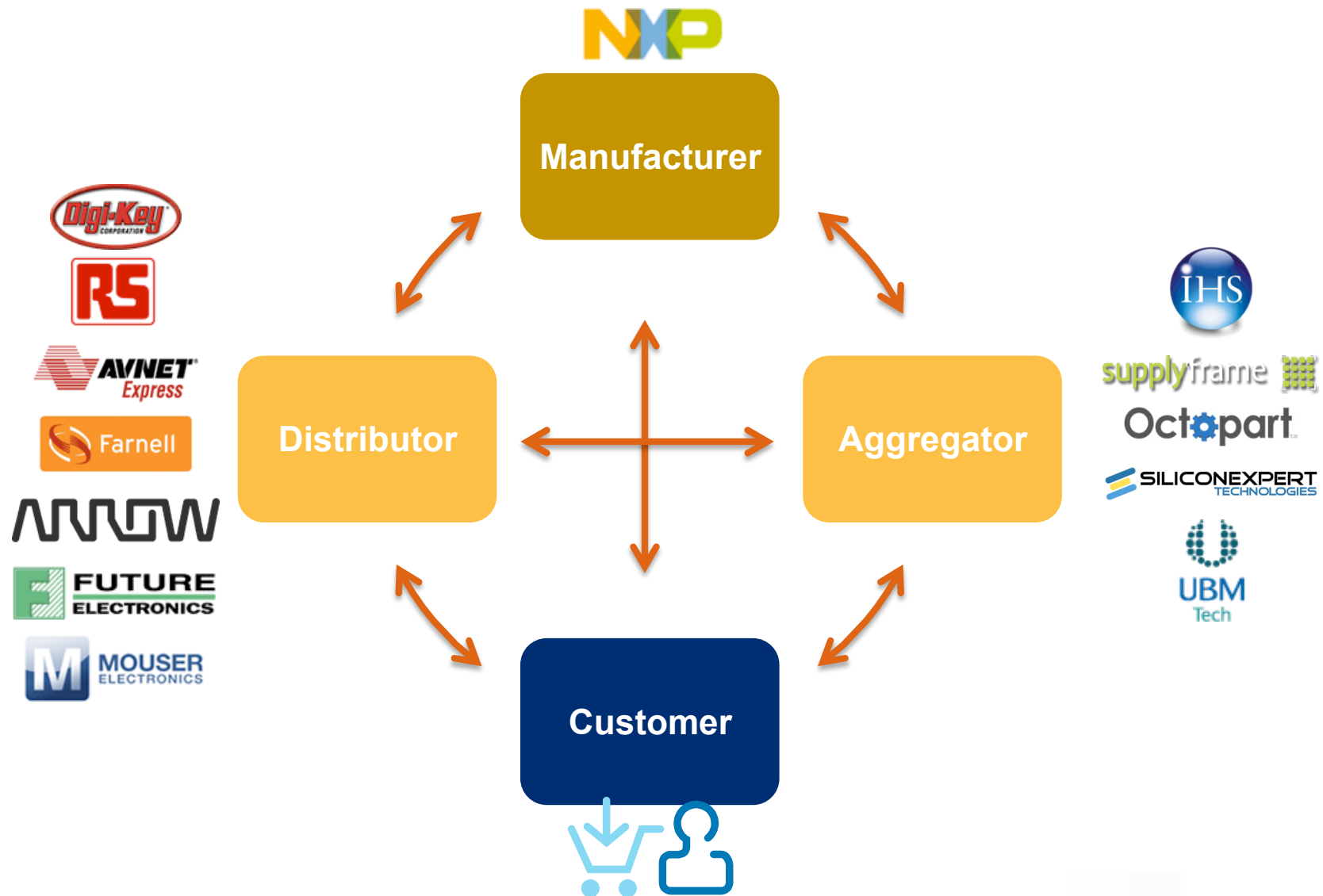
SECURE CONNECTIONS  
FOR A SMARTER WORLD

# WHY?





# SEMICONDUCTOR ECOSYSTEM



# Why Linked Data?

- Global identifiers
- Ease of access, reuse and share
- Self descriptive
- Open standards

## Why Open Data?

- Provide authoritative/trusted source
- Reduce manual effort
- Reduce data (re)entry errors
- Faster publication



# WHAT?





Products by function

Products by application

[Amplifiers](#)

[Audio/radio](#)

[Bipolar transistors](#)

[Data converters](#)

[Diodes](#)

[ESD, EMI and signal conditioning](#)

[Identification and security](#)

[Interface and connectivity](#)

[Logic](#)

[MOSFETs](#)

[Media processors](#)

[Microcontrollers](#)

[Power management](#)


[RF](#)

[Sensors](#)

[TV and STB front ends](#)

[Thyristors](#)




**Product Information Panorama** beta

Search

Advanced

**Is in scheme**

[Products by function](#)

**Is top concept in scheme**

[Products by function](#)

# Thyristors

Marketing Category

Export ▼

RDF/XML

Turtle

SPARQL

Thing

**Homepage**

[www.nxp.com/mcvp/48017](http://www.nxp.com/mcvp/48017)

**Page**

[Bipolar Power Product Selection Guide](#)

[Discretes Semiconductors Selection Guide 2014](#)

[NXP Standard Products music video](#)

**Has narrower**

[3-Quadrant Triacs \(High Commutation\)](#)

[4-Quadrant Triacs](#)

[AC Thyristors](#)

[AC Thyristor Triacs](#)

[SCRs](#)

[Temperature and Overload Protected Triacs](#)

**NXP key identifier**

1137

**Publish to web**

Yes

**TriMM key identifier**

48017



## Search results

Label	Type
<a href="#">PSMN1R5-25YL</a>	<a href="#">Basic Type</a>
<a href="#">PSMN1R5-25YL</a>	<a href="#">Product Type</a>
<a href="#">PSMN1R5-25YL,115</a>	<a href="#">Sales Item</a>
<a href="#">PSMN1R5-30BLE</a>	<a href="#">Basic Type</a>
<a href="#">PSMN1R5-30BLE</a>	<a href="#">Product Type</a>
<a href="#">PSMN1R5-30BLE - N-channel 30 V 1.5 mΩ logic level MOSFET in D2PAK</a>	<a href="#">Data sheet</a> <a href="#">Document</a>
<a href="#">PSMN1R5-30BLEJ</a>	<a href="#">Sales Item</a>
<a href="#">PSMN1R5-30YL</a>	<a href="#">Basic Type</a>
<a href="#">PSMN1R5-30YL</a>	<a href="#">Product Type</a>

# WHERE?

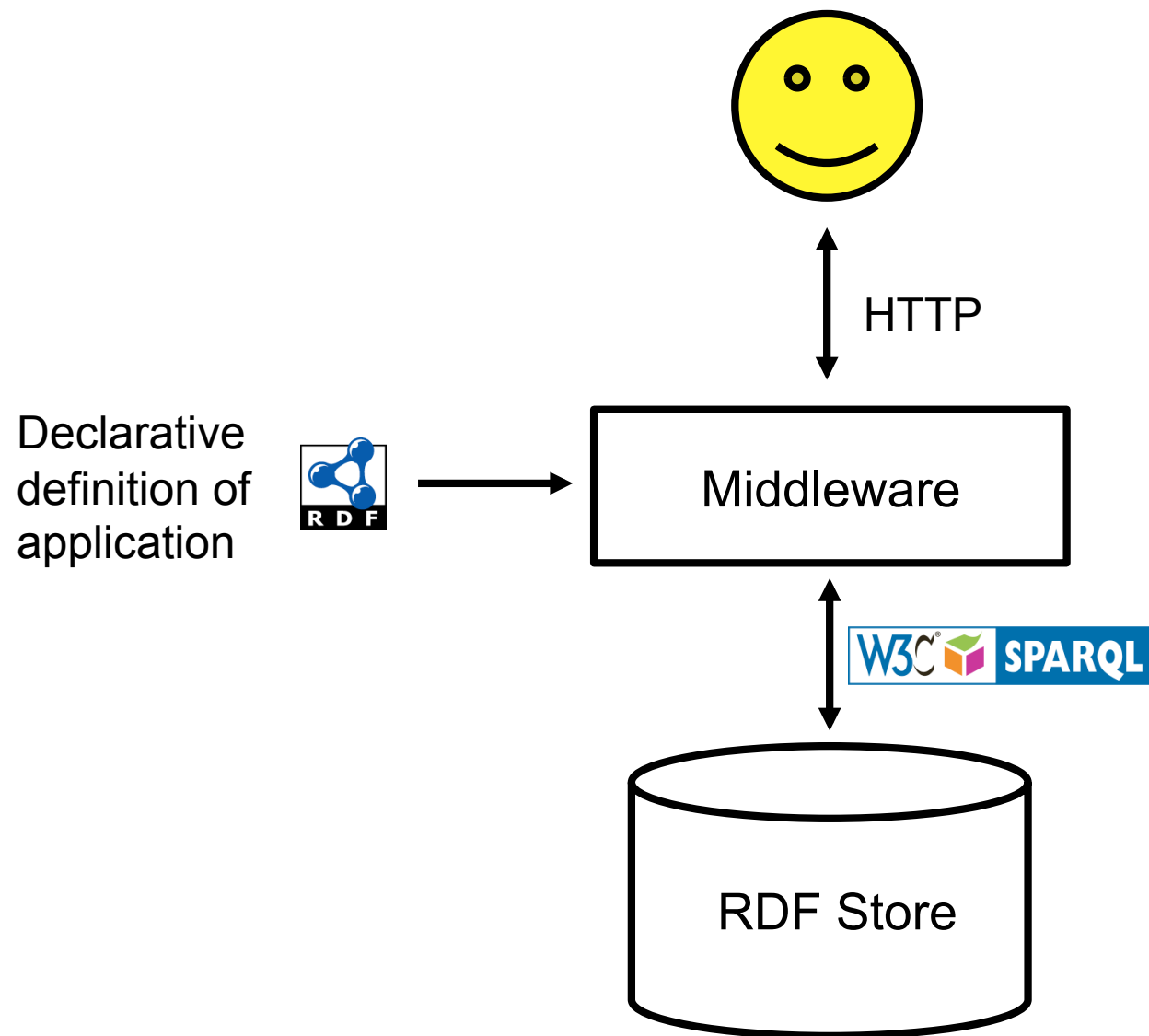




# data.nxp.com

# HOW?





# Is the world ready for Linked Data?

- Probably not (yet)
- So we also provide “stored views”
- Predefined SPARQL SELECT queries
- JSON, XML or CSV/TSV results



# MORE?





Follow us on twitter **@NXPdata**

Please get in touch with  
questions || suggestions || comments

<https://github.com/NXPdata/>





SECURE CONNECTIONS  
FOR A SMARTER WORLD